

## Recommended ways of quoting outputs or using generative artificial intelligence at Comenius University Bratislava<sup>1</sup>

### 1. Ways of quoting the use of AI tools

#### 1.1. Use of artificial intelligence tools

- we recommend that you include the following at the beginning of the thesis as part of the statutory declaration concerning the originality of the thesis:

*"I solemnly declare that the entire ..... thesis on the topic ".....", including all its appendices and figures, has been developed by me independently, using the literature listed in the attached list and artificial intelligence tools. I declare that I have used the AI tools in accordance with the relevant legal regulations, academic rights and freedoms, ethical and moral principles while maintaining academic integrity, and that their use is appropriately indicated in the thesis".*

#### 1.2. Formal editing of the text

(e.g. spell check, predictive word completion, stylistic editing, reference tools)

- need not be quoted in the thesis.

#### 1.3. Use of automatic translators

(e.g. Google Translate, DeepL)

- it is recommended to mark the translated paragraph with the source of the original text according to the relevant quotation standard and with the note *"Translated by [NAME OF TOOL]"*.

#### 1.4. Use of generative AI tools (e.g., preparation of source documents and text structure, retrieval and summarization of sources) in the creation of thesis that is not a **verbatim or paraphrased version of the output of the AI tool used**

- we recommend to include at least a general statement:

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<sup>1</sup> The goal of the above model is ease of use by students as well as teachers and researchers, while adhering as closely as possible to academic standards and practices. The model is also designed with the latest edition of the ISO 690 quotation standard in mind (<https://itlib.cvtisr.sk/clanky/nove-pravidla-citovania-podla-iso-690-z-roku-2021/>).

Foreign universities have different approaches to quoting the use of generative AI (e.g. <https://guides.libraries.psu.edu/LLMs/>), while ISO 690 itself does not yet address this issue (its current international edition is from 2021). Among the possible variants, we propose one where no "authorship" is attributed to the generative AI service or model itself. The title is prefixed with AI letters. The advantage is that it will be obvious at a glance from the bibliographic reference and the quotation that the text is AI-generated, and in the list of bibliographic references all instances of the use of generative AI will be "together". Also, e.g., APA recommends that any use of AI be explicitly stated in the quoted text in a manner e.g., for the question "what is the correlation between pesticides and butterfly populations" **the text generated by ChatGPT states** that "... ..." ([Pesticides and Butterflies] 2024). However, given the desire not to overload the text, we tend to our proposed structure and recommend declaring the use of AI directly next to the title, both in the quotation and in the bibliographic reference. The option chosen reflects the quotation of a "website post".

*"In the preparation of this thesis, the AI tools [TOOL LIST] were used for the purpose of [REASON]. The author is responsible for the accuracy of the final form of the text."*

## 2. Ways of quoting the outputs of AI tools (verbatim or paraphrased version)

### 2.1. Structure of a bibliographic reference

[AI Title supplied by the author of the text], (year). On-line In: *Name of service*. Version. Available at: service/distributor, URL/URI. [display date]. Note.

Explanations:

- [AI Title supplied by the author of the text] is the designation of the AI-generated resource, so the AI designation will be provided for all such resources, and a title will also be supplied as a concise, abbreviated expression of the topic specified within the AI as the assignment. It does not therefore have to be verbatim.
- The name of the service is the AI model/name, e.g. MidJourney, ChatGPT, etc.
- Version indicates the model, version, or "release" of the AI currently in use, or (if available) its time version.
- The service/distributor is the company operating the service.
- The URL/URI is the permalink to the generated output for services that provide the creation of these links, for others it is a link to the home page of the service.
- [display date] is the exact date the service was used.

The note declares the task, i.e. for which activity the AI was used, e.g. Summarizing the text of the thesis' author. Obtaining an abstract of the thesis: ... . Calculation: Description of methodology. Proposal for a solution, etc.

**Example of a bibliographic reference in accordance with ISO 690 (Harvard system)<sup>2</sup>:**

[UI Information Systems], (2024). On-line In: *ChatGPT*. Version 4. Available at: OpenAI, <https://chat.openai.com/share/54b738af-6cd9-4a6e-90b6-1c3c81b10bcf>. [displayed 2024-02-05]. Task: "Define information systems from an information science perspective".

### 2.2. Quotation structure

([AI Name] year)

**Example of quotation (Harvard system):**

Lorem ipsum dolor sit amet, consectetur adipiscing elit ([UI Information Systems] 2003).

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<sup>2</sup> The Harvard system was referred to in earlier editions/translations as the first information and date system.